## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1475	(713/194)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:00
L2	1900	(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:01
L3	162	(713/194)(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:06
L4	366	(jitter\$3 OR (variation OR vary\$3) OR (chang\$3 OR modification)) near4 (voltage with (random\$4 OR randomization)) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:06
L5	0	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification)) near4 (voltage with (random\$4 OR randomization)) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:07
L6	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification) near4 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:09
L7	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:09
L8	0	(jitter\$3 (variation OR vary\$3) (modify\$3 OR modification) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2010/01/13 01:09
S2038	3	"protect" "integrated circuit" "voltage" "delay" "time vary" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:35
S2039	10	"integrated circuit" "voltage" "delay" "time vary" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:35
S2040	505	"integrated circuit" "voltage" "delay" "time" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:36
S2041	271	"integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:37

S2042	224	"external" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:38
S2043	187	"external" "detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/02/28 23:38
S2044	1	"external detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:05
S2045	112	external" "detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" "converter" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:08
S2046	114	"external" "detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "converter" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:09
S2047	0	"external detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "converter" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:09
S2048	1	"external detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:09
S2049	1	"external detection" "integrated circuit" "delay" "time" "varying" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:09
S2050	2	"external detection" "integrated circuit" "voltage" "delay" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:33
S2051	2	"external detection" "integrated circuit" "voltage" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:10
S2052	2	"external detection" "integrated circuit" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 00:11
S2053	47	"external detection" "integrated circuit" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:24
S2061	252	"reverse engineer" "integrated circuit" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:25

S2062	34	"reverse engineer" "integrated circuit" "voltage" "delay" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:35
S2063	5	"reverse engineer" "integrated circuit" "voltage regulator" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:36
S2064	0	"reverse engineer" "external detection" "integrated circuit" "voltage regulator" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:37
S2065	1	"reverse engineer" "external" "detection" "integrated circuit" "voltage regulator" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:39
S2066	1	"reverse engineer" "detection" "integrated circuit" "voltage regulator" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:39
S2067	6	"reverse engineer" "integrated circuit" "voltage regulator" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 15:42
S2068	126	"reverse" "engineer" "integrated circuit" "voltage regulator" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 16:19
S2070	4	"reverse engineering" "integrated circuit" "voltage regulator" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/01 16:41
S2071	665	(713/194)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/02 16:40
S2072	230	(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/02 16:40
S2073	20	(713/194)(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/03/02 16:41
S2074	993	(713/194)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:28
S2075	740	(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:29

S2076	63	(713/194)(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:29
S2077	3	"protect" "integrated circuit" "voltage" "delay" "time vary" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:29
S2078	10	"integrated circuit" "voltage" "delay" "time vary" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:30
S2079	510	"integrated circulit" "voltage" "delay" "time" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:30
S2080	274	"integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:31
S2081	227	"external" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:31
S2082	1	"external detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:31
S2083	112	"external" "detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "generator" "converter" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:31
S2084	115	"external" "detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" "converter" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:31
S2085	1	"external detection" "integrated circuit" "voltage" "delay" "time" "varying" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:32
S2086	1	"external detection" "integrated circuit" "delay" "time" "varying" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:32
S2087	2	"external detection" "integrated circuit" "voltage" "delay" "random number" @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:32
S2088	47	("asynchronous" near2 "circuit") "random number" @ad<""""20010613""""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:35

S2089	15	("asynchronous circuit") "random number" @ad<""""20010613"""""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:35
S2090	251	("integrated circuit") "random number generator" "asynchronous" @ad<"""""20010613"""""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:35
S2091	10	"analog voltage" "async" @ad<""""20010613""""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:36
S2092	61	(varying near2 voltage) "random number generator" @ad<""""20010613"""""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:36
S2093	130	"integrated circuit" "asynchronous" "random" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:36
S2094	103	external detect\$ "integrated circuit" "asynchronous" "random" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:37
S2095	161	external detect\$ "integrated circuit" "asynchronous" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:37
S2096	2	external detect\$ "integrated circuit" "asynchronous circuit" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:37
S2097	9	"integrated circuit" "asynchronous circuit" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:38
S2098	11	"asynchronous circuit" (vary near2 voltage) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:38
S2099	82	"asynchronous circuit" vary voltage @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:38
S2100	106	"asynchronous circuit" detection voltage @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/0 <b>2</b> 15:38
S2101	9	(atm near modem) vary voltage @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:38

S2102	482	("asynchronous transfer mode") vary voltage @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:39
S2103	41	("asynchronous transfer mode") "time varying" voltage @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:39
S2104	44	("ATM" "modem") "time varying" voltage @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:39
S2105	3	("ATM" "modem") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:39
S2106	38	("ATM") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:40
S2107	2	("asynchronous" "modem") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:40
S2108	27	("asynchronous" "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:40
S2109	24	("asynchronous" near2 "circuit") ("varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:40
S2110	2	("asynchronous" near2 "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/06/02 15:40
S2111	5	GERNOT ECKSTEIN.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:08
S2112	1113	(713/194)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:08
S2113	974	(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:09
S2114	87	(713/194)(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:09

S2115	2	("asynchronous" near2 "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:09
S2116	24	("asynchronous" near2 "circuit") ("varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:10
S2117	27	("asynchronous" "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:10
S2118	2	("asynchronous" "modem") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/11/01 22:10
S2119	1311	(713/194)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:13
S2120	1450	(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:13
S2121	124	(713/194)(726/26)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:14
S2122	2	("asynchronous" "modem") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:14
S2123	27	("asynchronous" "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:15
S2124	24	("asynchronous" near2 "circuit") ("varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:15
S2125	2	("asynchronous" near2 "circuit") ("time varying" near2 voltage) @ad<"""20010613"""	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:15
S2126	478	(jitter\$3 OR (variation OR vary\$3) OR (chang\$3 OR modification)) near4 (voltage same (random\$4 OR randomization)) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:15
S2127	240	(jitter\$3 OR (variation OR vary\$3) OR (chang\$3 OR modification)) near4 (voltage same (random\$4 OR randomization)) noise @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:16

S2128	146	(jitter\$3 OR (variation OR vary\$3) OR (chang\$3 OR modification)) near4 (voltage same (random\$4 OR randomization)) noise generator @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:16
S2129	0	(jitter\$3 variation vary\$3 chang\$3 modify\$3 modification alter\$3 shift \$3 fluctuat\$3) near3 voltage with (random\$4 randomization)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:16
S2130	0	(jitter\$3 variation vary\$3 chang\$3 modify\$3 modification alter\$3 shift \$3 fluctuat\$3) near3 voltage with (random\$4 randomization) AND @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:16
S2131	14	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modify\$3 OR modification OR alter\$3 OR shift\$3 OR fluctuat\$3) near3 voltage with (random\$4 OR randomization)) AND @ad<*20010613*	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:17
S2132	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modify\$3 OR modification OR alter\$3 OR shift\$3 OR fluctuat\$3) near3 (voltage with (random\$4 OR randomization))) AND @ad<*20010613*	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:17
S2133	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modify\$3 OR modification OR shifts OR fluctuat \$3) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:17
S2134	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modify\$3 OR modification OR shift\$3) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:17
S2135	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modify\$3 OR modification) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:17
S2136	0	(jitter\$3 (variation OR vary\$3) (modify\$3 OR modification) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:18
S2137	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification) near3 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:18
S2138	11	(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification) near4 (voltage with (random\$4 OR randomization))) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/07/03 18:18

S2139		(jitter\$3 (variation OR vary\$3) (chang\$3 OR modification)) near4 (voltage with (random\$4 OR randomization)) @ad<"20010613"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	2009/07/03 18:18
S2140	366		US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	AND	 2009/07/03 18:18

## 1/13/2010 1:09:48 AM

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